Wi))AudioStream™Pro AV

2.4GHz Smart Pocket Portable Stereo Digital Wireless
Lavalier System for DSLR, Video, ENG, Smart Devices & Stage Use

Wi)) DIGITAL SYSTEMS

— OWNER'S MANUAL —
OPERATING INSTRUCTIONS

Wi DIGITAL SYSTEMS

Thank You For Choosing Wi Digital Systems.

Congratulations on your purchase of the Wi AudioStream Pro AV 2.4GHz Smart Pocket Portable Stereo Digital
Wireless Lavalier & Audio Monitoring System with 2-Way Wireless USB 2.0 Audio Interface.

Please thoroughly read this User's Manual for all the feature operation information necessary
to install and operate your new Wi AudioStream Pro AV system.

Notice: Product specifications and package contents are subject to change without notice.
Package contents may vary according to the different regions.

For additional support, please visit www.widigitalsystems.com

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TECHNICAL SUPPORT

Getting Answers!

We want you to get the most from your new Wi AudioStream Pro AV stereo digital wireless audio system! Simply logon to www.widigitalsystems.com and access the resources available online including instructional manuals and more.

Our customer service support staff are ready to assist you with any question you may have. Your Wi AudioStream Pro AV comes with one year of telephone support and service coverage.

There are several ways to contact Wi Digital Systems customer service support.

E-Mail:	support@widigitalsystems.com
Website:	www.widigitalsystems.com/support
Technical support:	(714) 505-4567

Wi Transmitter

Wi Receiver

Wi SmartMic™ Lavalier with
Omnidirectional Microphone Capsule

Smartphone
Mounting Adapter

1/8" to 1/8" TRS
Smart Device Cable

Universal USB
AC Charger

1/4"-20 Camera
Hot Shoe Adapter

1/4"-20
Smartphone Adapter

Single Feed
Cable Clips

MIC
Windscreens

MIC/Headphone
Adapter

1/8" to 1/8" TRS Stereo
Cable & 1/4" Adapter

XLR to 1/8"
TRS Cable

USB
Data Cable

USB Y-Split
Power Cable

Hard Shell
Carrying Case

Charging The System

Before using your new Wi AudioStream™ Pro AV digital wireless system, you need to fully charge the batteries for approximately 2 hours.

1. Plug the AC Charger into a power socket.
2. Connect the USB power cable to the USB port on the AC charger.
3. Connect one of the two mini USB connectors to the Transmitter USB port.
4. Connect the second mini USB connector to the Receiver USB port.
5. The Power/Status LED will turn to solid Red ON.
6. When charging is complete the Red LED will turn OFF.

The system's power source's flexible design boasts 4 power options:

• 4~6 hours internal rechargeable battery use.
• 13 hours with USB AA battery adapter (optional accessory).
• Continuous use with AC power adapter.
• Continuous use with USB port bus power.

AC Charger

USB Connector

USB Port

USB Port

Mini USB Connector
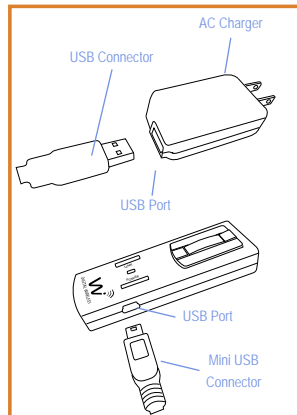
Pairing the Wi Transmitter & Receiver

The Wi Transmitter and Receiver are paired at the factory. Perform the following steps ONLY if you need to reestablish connection between the Transmitter and the Receiver.

1. First turn ON the Transmitter (Tx) and the Receiver (Rx) by pressing and holding the POWER button ② , ❷ on each of the units for 2 seconds. The green LED on Each unit will flash.

2. Press and hold the LINK button ⑦ on the Transmitter (Tx) for 3 seconds. The Power/Status green LED on the Transmitter will start flashing faster. The Transmitter is now in a Pairing mode and ready to search for the Receiver.

3. Press and hold the LINK button ❻ on the Receiver (Rx) for 3 seconds. The Power/Status green LED on the Receiver will flash momentarily.

4. Once the Transmitter links with the Receiver, the Power/Status LED on both devices will turn to solid green.

5. The Transmitter and Receiver are now ready for use.

MONO LAVALIER SETUP

Wi SmartMic Mono Lavalier Mic

Wi Digital Systems SmartMic high-end broadcast quality lavalier features an ultra-small 3.1 mm MIC capsule mounted on an ultra-thin rugged cable designed to capture vocals clearly with excellent rejection of wind and ambient noise.

The crisp, high-quality Wi SmartMic™ Mono Lavalier microphone provides superb vocals and sound pick-up from all directions making it an excellent choice for video camera, camcorders, DSLRs, smartphones and tablets miking.

Using The Lavalier Option

The Wi SmartMic Mono Lavalier easily accommodates alternative mounting applications such as:

• Ties, Shirts, Jackets and Behind-the-Button Positioning
• In-Hair
• Beneath T-shirts & Blouses
• Hard to MIC Instruments

The included Lavalier cable clip can be used to customize the fit of the lavalier to be both comfortable and discreet.

Ideal for filmmaking, news-gathering, presenters, reporters, worship leaders and pastors, broadcasters, interviewers, artists, fitness instructors, speaking and singing performers and more!
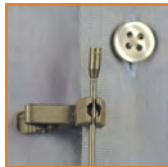
MONO LAVALIER SETUP

Connecting The Microphone to The Transmitter

Connect the 1/8" TRS end of the microphone cable to the audio output port ① of the Wi Transmitter.

☞ For Mono MIC connection, ensure that the Transmitter is set for *Mono Mic-In Mode* ⑨ and the LED is in FAST blue flashing mode.

☞ For Stereo MIC or Mono Redundancy MIC connection, ensure that the Transmitter is set for *Stereo Mic-In Mode* ⑨ and the LED is in SLOW blue flashing mode.

☞ For Camcorders or DSLRs without microphone noise filter circuit or limited MIC gain control capability set the Transmitter to *Stereo Line-In Mode* ⑨ . The blue LED will reflect TWO FAST flashes.

Refer to the "Tx Button Functions"
on page (50) for more details.

Transmitter Placement

Designed for singers, performers, broadcasters, interviewers and active users, the ultra-lightweight, 1.08 oz discreet and unobtrusive Wi Transmitter can easily be attached to your belt, shirt, or even placed in your pocket without impeding your body movement.

For best wireless performance we recommend mounting the Wi Transmitter on your belt to the side of your body.

Wi SmartMic SL Stereo Lavalier

Wi Digital Systems ultra-small 3.1 mm MIC capsules mounted on an ultra-thin rugged cable, capture vocals clearly with excellent rejection of wind and ambient noise.

The Wi SmartMic™ SL Stereo Lavalier is an excellent choice for pastors, artists, fitness instructors, speaking and singing performers and video camera miking.

☞ *Refer to the "Lavalire Specs" on page (59) for more details*

Using The Stereo Lavalier

The Wi SmartMic SL Stereo Lavalier easily accommo-dates alternative mounting applications such as:

• Ties, Shirts, Jackets and Behind-the-Button Positioning
• In-Hair
• Beneath T-shirts & Blouses
• Hard to MIC Instruments

The included dual feed and single feed lavalier cable clips can be used to customize the fit to support discreet stereo or mono redundancy miking applications with comfort and flexibility.

Ideal for filmmaking, news-gathering, presenters, reporters, worship leaders and pastors, broadcasters, interviewers, musicians and more!
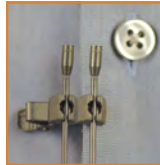
OPTIONAL EARSET SETUP

Wi SmartMic ES Earset

Delivering unmatched value, comfort, sound quality and secure fit, the Wi SmartMic™ ES earset ultra-small MIC capsule mounted on an ultra-thin, rugged, bendable, adjustable length and incredibly lightweight boom captures vocals clearly with excellent rejection of wind and ambient noise.

☞ *Refer to the "Earset Specs" on page (60) for more details.*

Connecting The Earset Cable

1. Locate the detachable earset cable.

2. Fasten the earset end of the earset cable to the screw connector located on the silicon ear mount.

Wearing the Wi SmartMic ES Earset

The Wi SmartMic ES series advanced ergonomic Silicon ear-mount design delivers an unmatched comfortable fit in seconds while ensuring secure boom placement even when the head moves, or when used with glasses or other head-worn accessories. This ultra-lightweight MIC is incredibly easy to wear even for an extended time.

1. Pull the "C" shaped Sure-Sound silicon ear mount wide open and clip over the ear.

2. Loop the bottom part of the "C" shaped ear mount beneath the earlobe.

3. You should feel the Wi Sure-Sound earset gripping your ear and pressing out against your earlobe for comfortable secure fit.

4. The boom is designed to press and curve smoothly around the face. Adjusting the boom length and curvature are covered in the following section.
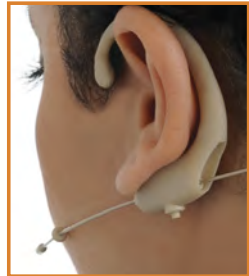
OPTIONAL EARSET SETUP

Positioning The Microphone Capsule

The Wi SmartMIc ES series microphone capsule is located at the tip of the boom. The key to maximizing the sound quality is to locate the capsule as close as possible to the mouth without touching the face.

1. Press the boom locking switch located on the bottom of the Silicon ear mount.

2. Slide the boom shaft to position the MIC capsule just behind the corner of your mouth when you are smiling.

3. Release the locking switch when adjustment is complete.

⚠ • Placing the microphone too far forward can result in breath-related pops.
   • Use the windscreen outdoors.

Using The Earset/Lavalier Cable Clip

The Wi SmartMic ES series comes with an Earset/ Lavalier cable clip to prevent movement of the cable from dislodging the earset. The clip is specifically designed to match the diameter of your cable, either 1.4mm or 2mm.

1. Locate the cable clip and gently pull the cable down into the rubber cable channel opening on the clip.

2. Attach the clip to the collar and leave enough slack in the cable such that the head can turn to both sides without tugging on the clip.

⚠ • We recommend leaving the clip attached to the cable when possible to minimize repetitive strain on the cable.
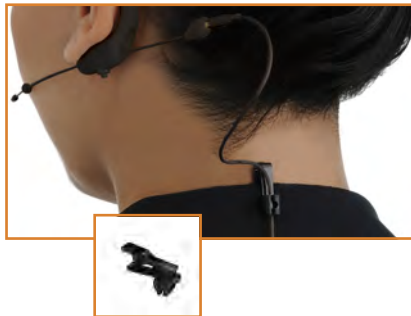
OPTIONAL SHOTGUN SETUP

Wi SmartMic SG Shotgun

Delivering unmatched value, comfort, sound quality and secure fit, the Wi SmartMic™ SG Shotgun ultra-small uni-directional MIC mounted on an ultra-thin, rugged,and incredibly lightweight boom captures vocals clearly with excellent rejection of wind and ambient noise.

☞ *Refer to the "Shotgun Specs" on page (61) for more details.*

Connecting The Shotgun Mic

Connect the 1/8" TRS end of the WI SmartMic Shotgun microphone to the audio output port of the Wi Transmitter

Transmitter Placement

Designed to be attached to boom poles and tripods stands for perfect wireless clear directional audio shotgun miking on the go.

Camera Connection

The Wi Transmitter and Receiver are designed to mount video camera DSLR and handheld recorders.

1. Locate the 1/4"-20 Hot Shoe flash adapter for cameras, tripods and bipods.
2. Fasten the 1/4"-20 Hot Shoe flash adapter mounting screw to the belt clip 1/4"-20 nut and tighten the top lock ring.
3. Loosen the bottom lock ring on the 1/4"-20 Hot Shoe flash adapter camera accessory.
4. Insert/slide the mounting foot of 1/4"-20 Hot Shoe flash adapter into the camera accessory shoe and tighten the bottom lock ring.

☞ *To emulate direct lavalier connection setting for your camera, change the Transmitter mode setting to Line-in mode.*

Audio Cable Connection

1. Locate the 1/8" to 1/8" TRS stereo audio cable or the 1/8" to XLR TRS audio cable. Use the 1/8" TRS to XLR audio cable if your camera is equipped with XLR audio input ports.
2. Insert the 1/8" TRS stereo end of the audio cable into the Wi Receiver audio output jack.
3. Insert the 1/8" TRS stereo end or the XLR end of the audio cable into the Camera MIC-IN or Line-In audio input jack.

   ☞ *For best audio results we recommend connecting to the Line-In input if available.*

1/8" to 1/8" TRS Stereo Cable

1/8" TRS to XLR Cable

Smartphone Connection

The Wi Receiver is designed to mount almost any Smartphone using the Smartphone adapter.

1. Locate the Smartphone adapter and the 1/4"-20 adapter
2. Fasten the 1/4"-20 adapter to the mounting screw on the Smartphone adapter 1/4"-20 nut and tighten the bottom lock ring.
3. Fasten the 1/4"-20 adapter mounting screw to the Receiver belt clip 1/4"-20 nut
4. Tighten the top lock ring.

①

②

③

④

5. Fit your phone to the bottom of the Samrtphone holder portion of the Smartphone mounting adapter

6. Start by extending the top part of the Smartphone holder portion and then fitting your phone in between the bottom and the top of the Smartphone mounting adapter.

7. Locate the Gray 1/8" to 1/8" Smart Device cable and Insert the Gray 1/8" TRS end of the cable into the Wi Receiver audio output jack.

8. Route the cable beneath the belt clip as shown to keep the cable clear from the camera lens vision field.

Note: Remove your phone covers especially if you are using a large phone or your phone might not fit perfectly in the phone holder.

SMARTPHONE CONNECTION

9. Locate the MIC/Headphone adapter and your personal headphones. Insert the 1/8" TRS end of the MIC/Headphone adapter into the Smartphone MIC/Headphone port.

10. Insert the Black 1/8" TRS end of the Smart Device cable into the Microphone port on the MIC/Headphone adapter.

11. Insert the 1/8" TRS stereo end of your personal headphones cable into the Headphone port on the MIC/Headphone adapter.

Optional Wi Micro-In-Ear Monitors
Model Wi-SEMi5

Smartphone Handling Options

The Wi AudioStream Pro AV is designed to be held by hand for free style filming or be attached to boom poles and tripod stands for perfect wireless miking on the go.

Connecting the Receiver to Tablet Audio Port

The Wi Receiver brings the convenience of
hands-free digital wireless miking and freedom
of movement to smartphones and tablets to
transform these smart devices to powerful
on-the-go Audio-Visual production tools.

This powerful system enables users to wirelessly
connect an earset or a lavalier microphone and
capture superb vocals and amazing ambient sounds
easily and accurately with perfect recording levels on
iPhone, iPod, iPad, Windows Surface, Tablet PC or
any Smartphone.

Using The MIC/Headphone Adapter to Mount The Receiver to Tablets

1. Locate the the Gray 1/8" to 1/8" Smart Device cable and the MIC/Headphone adapter.
2. Insert the Gray 1/8" TRS end of the audio cable into the Wi Receiver audio output jack.
3. Insert the Black 1/8" TRS end of the cable into the Microphone port on the MIC/Headphone adapter.
4. Insert the 1/8" TRS stereo end of the headphone cable into the Headphone port on the MIC/Headphone adapter.
5. Insert the 1/8" TRS end of the MIC/Headphone adapter into the Tablet MIC/Headphone port.

SOUND SYSTEM CONNECTION

Connecting The Receiver to Sound Systems

The Wi AudioStream Pro AV is designed to connect to amps, mixers, live sound systems or powered speakers in minutes!

Simply connect the ultra compact sized Receiver to the mixer, amplifier or powered speaker and you are done!

No phantom power required!

Audio Cable Connection

1. Locate the 1/8" stereo to 1/4" TRS cable or the 1/8" to XLR TRS audio cable that comes with the system.

2. Connect the 1/8" TRS end of the cable to the audio output port ❶ of the Receiver, then connect the 1/4" TRS cable end to the mixing console audio inputs. If you are using the Mono XLR cable, connect the XLR cable end to the MIC XLR port on the mixing console.

Stereo Connection Cable

1/8" to 1/8" TRS Stereo Cable & 1/4" Adapter

Mono Connection Cable

1/8" TRS to XLR Cable

Audio Monitoring

The Wi AudioStream Pro AV is designed to provide freedom of wireless movement to any conventional headphones or in-ear personal monitors making it an ideal system for audio listening and monitoring applications.

You can wirelessly listen to your music from live sound systems, MAC, PC, smart device or any audio source by connecting the Wi Transmitter to your audio source and your headphones or in-ear personal monitors to the Wi Receiver.

The system is optimized for Wi Digital's optional Wi Sure-Ears model Wi-SEBD10 and Wi Micro-In-Ear model Wi-SEMI5 personal reference monitors for a high quality wireless monitoring experience.

Headphone & In-Ear Personal Monitors Setup

⚠ PLEASE PROTECT YOUR EARS! Prolonged use of headphones or In-ear personal monitors at high volumes may affect your hearing capacity or may result in noise induced hearing loss (NHL).

1. Connect the Wi Transmitter to your audio source using one of the included stereo audio cables that best fit your audio source audio port jack.

2. Set the Wi Transmitter to "Stereo Line-in" mode by pressing the MODE button ❾ for three seconds until the blue LED reflects "Double Blue Flashes".

👉 *Refer to the "Tx Button Functions" on page (52) for more details.*

3. Insert the 1/8" TRS stereo end of the Headphone cable into the Wi Receiver audio output jack ❶.

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2-Way Wireless USB 2.0 Audio Interface

The 2-Way wireless USB 2.0 audio interface enables users to wirelessly connect microphones and In-ear monitors to iPad®, Windows Surface®, Tablet PC, MAC and PC computers for untethered simultaneous two-way 2.4GHz digital wireless studio audio quality connectivity to practice, record and monitor their performance with superb tones using the sound effects in Apple's Logic Pro, GarageBand software or any Core Audio compatible application on iPad, Tablet, Mac or PC.

Wireless USB Audio Interface Features List:

The amazing 2-Way wireless USB 2.0 audio interface features special circuitry designed to deliver professional digital wireless audio I/O performance along with low latency USB 2.0 performance.

• Wirelessly connect your iPad®, Windows Surface®, Tablet PC, MAC and PC to studio gear or professional on-stage audio systems such as DJ gear, audio mixers, powered speakers/monitors, amplifiers and live sound systems in minutes.

• Convert your iPad®, Windows Surface®, Tablet PC, MAC and PC to a powerful on-the-go video production tool without the cable clutter.

• Conduct Podcasting or voice over the internet (VoIP) chats with support for most common calling applications including Webex®, GoToMeeting®, Skype®, Yahoo!®, Acrobat Connect®, Facebook®, Google+Hangouts® and more.

• Connect your iPad®, Windows Surface®, Tablet PC, MAC and PC wirelessly to your home theater or stereo system while keeping your gear at your finger tips.

• Stream audio wirelessly to your favorite headphone or in-ear monitors with full access to all of the essential audio control functions of your iPad®, Windows Surface®, Tablet PC, MAC and PC including volume up and down, play, pause, mute, track control and MIC muting in the palm of your hand.

MAC USB SETUP

Connecting to Your Mac

1. Locate the included USB data cable.
2. Make sure that the Transmitter and the Receiver are turned OFF.
3. Insert the mini USB end of the USB data cable into the Wi Transmitter USB audio interface port located on the side of the Transmitter.
4. Insert the full size USB end of the USB data cable into your Mac laptop or desktop USB port.
5. Power up the Transmitter and the Receiver.

USB
Data Cable

Configuring The Audio Ports On Your Mac

1. To select the Wi Transmitter as the computer's audio output, open the System Preferences from the dock or the main Apple Menu.

2. Open the Sound preferences then choose the output tab and select Wi AudioStream Pro.

3. Adjust the Output volume slider at the bottom of the Sound dialog box to the maximum setting. Use the Wi AudioStream Pro Receiver's volume controls to control the overall output volume for the headphones or speakers.

4. Select the Wi AudioStream Pro as the computer's audio input interface for use with your Lavalier or your headphone with built-in MIC. Choose the Input tab and Wi AudioStream Pro. Adjust the Input volume slider to set the MIC gain.

PC USB SETUP

Connecting To Your PC

1. Locate the included USB data cable.
2. Make sure that the Transmitter and the Receiver are turned OFF.
3. Insert the mini USB end of the USB data cable into the Wi Transmitter USB audio interface port located on the side of the Transmitter.
4. Insert the full size USB end of the USB data cable into your laptop or desktop USB port.
5. Power up the Transmitter and the Receiver.
6. Windows will recognize the Wi Transmitter and automatically install the universal driver. A balloon will pop up, telling you the computer has found the Wi Transmitter. When Windows is finished installing the driver, a balloon pop up will say "Your device is installed and ready to use".

Windows 7/Vista/XP Optional Settings

1. Setting the Wi Transmitter as your default audio device

   To set the Wi Transmitter as your default device for sound playback and recording, or to change its settings, click the Start button, click Control Panel and then click Sound. Under the Playback and Recording tabs, you can select the Wi AudioStream Pro from the menus and use the Set Default button to set it as the default device.

2. Setting the Wi Transmitter MIC gain

   To set the gain of the microphone when using the Wi Transmitter, click on the Volume button in the Sound recording section. Moving the slider will adjust the microphone gain.

iPad USB SETUP

Connecting to Your iPad

The optional Apple Lightning to USB Camera adapter Model MD821ZM/A or 30-pin to USB Camera adapter Model MC531ZM/A is required to set up your Wi AudioStream Pro with iPad.

⚠ Note: Before using the Wi AudioStream Pro with your iPad, you need to fully charge the Transmitter batteries. Your iPad will display the message "The attached acessory uses too much power" if the Transmitter is not fully charged.

1. Make sure that the Transmitter and the Receiver are OFF.
2. Insert the mini USB end of the USB data cable into the USB audio interface port located on the side of the Transmitter.
3. Insert the full size USB end of the USB data cable to the USB port on the optional Apple iPad Camera connection adapter.
4. Power up the Transmitter and the Receiver.
5. Apple iPad iOS will automatically install the universal driver.

Apple Optional USB Camera Adapters

Apple 30-pin Adapter
Model MC531ZM/A

Apple Lightning Adapter
Model MD821ZM/A

Connecting to your Windows Surface and Tablet PC

1. Locate the included USB data cable.
2. Make sure that the Transmitter and the Receiver are turned OFF.
3. Insert the mini USB end of the USB data cable into the Wi Transmitter USB audio interface port located on the side of the Transmitter.
4. Insert the full size USB end of the USB data cable to your Windows Surface or Tablet PC USB port.
5. Power up the Transmitter and the Receiver.
6. Windows will recognize the Wi Transmitter and automatically install the universal driver. The Wi AudioStream Pro Plug-and-Play systems is now ready for use.

USB AUDIO LISTENING

Headphone & In-Ear Personal Monitors Setup

⚠️ PLEASE PROTECT YOUR EARS! Prolonged use of headphones or In-Ear personal monitors at high volumes may affect your hearing capacity or may result in noise induced hearing loss (NHL).

- You can wirelessly listen to your iPad®, Windows Surface®, Tablet PC, MAC and PC computers music by connecting your headphones or in-ear personal monitors to the Wi Receiver.

- Pressing the Play **9** button on the Wi Receiver will automatically start iTunes or Windows media player.

- You can remotely control the audio functions of your MAC, PC, iPad or Windows Surface Play/Pause/Mute **9**, Next Track **7**, Prev Track **8**, Volume UP **4**, Volume Down **5** directly from the Wi Receiver using the function buttons.

We recommend using the Wi Sure-Ears (Wi-SEBD10) or the Wi Micro-In-Ear (Wi-SEMI5) in-ear monitors for a high quality monitoring experience..

USB VoIP and Podcasting

Your MIC is probably the most important part of your setup.

For VoIP application, typical headphones equipped with a microphone are sufficient. Simply plug in your headphones equipped with a microphone to the Receiver and get started.

For Podcasting, you will need a good set of monitors when you're recording to monitor yourself as well as hear your guests. We recommend using the Wi Sure-Ears (Wi-SEBD10) or Wi Micro-In-Ear (Wi-SEMI5) for a high quality monitoring experience.

1. Locate the MIC/Headphone adapter.
2. Insert the headphone cable jack into the Headphone port on the MIC/Headphone adapter.
3. Insert the 1/8" TRS end of the earset or lavalier MIC into the Microphone port on the MIC/Headphone adapter.
4. Insert the 1/8" TRS end of the MIC/Headphone. adapter into the Wi Receiver Audio I/O port.

Microphone Connection

Headphone Connection

Connecting The Wi SmartMic Lavalier Directly into Smart Devices Analog Audio Port

The Wi SmartMic microphone line is designed to connect directly into any samrt device Headphone/MIC audio input jack including iPhone, iPod, iPad, Windows Surface, Tablet PC or any Smartphone to capture superb vocals and amazing ambient sounds easily and acurately while providing audio monitoring functions.

Compatible with any application that accepts input from a headset connection, the crisp, high-quality audio lavalier microphone provides superb vocals and sound pick-up from all directions. For noisy environments, the best microphone to use is the unidirectional earset MIC. It isolates your voice against typically noisy backgrounds.

Using The MIC/Headphone Adapter to Mount The Receiver to Smart Device

1. Locate the Wi SmartMic Lavalier, and the MIC/Headphone adapter included in the kit.
2. Insert the 1/8" TRS stereo end of the earset or lavalier into the MIC port on the MIC/Headphone adapter.
3. Insert the 1/8" TRS stereo end of your headphone cable into the headphone port on the MIC/Headphone adapter.
4. Insert the 1/8" TRS end of the MIC/Headphone adapter into the Smartphone or smart device MIC/Headphone port.

Wi Receiver Connection

Headphone Connection

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TRANSMITTER FEATURES

Transmitter Controls and Connections

① **Audio IN Jack:** Provides mono and stereo connection for your microphone or other line level sound source.

② **Power ON/OFF:** Press and hold the Power button for 2 seconds to turn the Transmitter ON or OFF.

③ **Power/Status LED:** Displays the status of six functions: ON/OFF, Battery Charging, Low Battery, Pairing, Mute, Operating and Lock Modes.

☞ *Refer to the "Tx Button Functions" on page (51) for more details*

④ **Volume UP:** Press once to increase the volume level one step at a time. Hold to increase continuously.

⑤ **Volume DOWN:** Press once to decrease the volume level one step at a time. Hold to decrease continuously.

⑥ **Mute:** Press and hold for 1.5 seconds to mute or un-mute the audio.

⑦ **Link/Pair:** The **Link** button performs two functions: **Pairing** and **Linking.**

Pairing allows the Transmitter to connect and communicate with the Receiver. Press and hold for 3 seconds until the green LED displays fast flashes, indicating that it is ready to pair with a Receiver. Once the Transmitter links with the Receiver, the LED on both devices will turn solid green.

TRANSMITTER FEATURES

⑧ **Lock:**   Press and hold for 2 seconds to lock the function key pads on the Transmitter and the Receiver to preserve all settings and prevent accidental triggering of the function buttons during operation. Press once to unlock the Transmitter and Receiver function key pads and restore normal operation..

⑨ **Mode**:   Press and hold for 2 seconds to select the desired operation indicated by the following blue LED flashing sequence. Continue to hold to cycle between the three operating modes.

Stereo Mic-In Mode Solid Green LED and Slow Blue LED Flashes.

Mono Mic-In Mode Solid Green LED and Fast Blue LED Flashes.

Stereo Line-In Mode Solid Green LED and Two Blue LED Flashes.

☞ *Refer to the "Tx Button Functions" on page (50) for more details.*

⑩ USB 2.0 Audio Interface & Charging Port: This is a mini USB 2.0 Plug-and-Play wireless audio interface for iPad®, Windows Surface®, Tablet PC, MAC and PC.

This is also a mini USB power connection to power up and charge the internal batteries. The Transmitter can be charged using the supplied universal AC charger, via an instrument or computer USB port, or the optional AA battery power booster adapter.

⑪ Belt Clip: The Transmitter can be attached to belts, shirts and pants' pockets. The compact and lightweight design is easy to wear without impeding body movement. The Transmitter can be attached to cameras, tripods and bipods using the included 1/4"-20 Hot Shoe flash adapter.

RECEIVER FEATURES

Receiver Controls and Connections

❶ **Audio I/O Jack:** Stereo/Mono audio output and mono MIC input port connection for professional Sound Systems, In-Ear Monitors, Microphones and more...

❷ **Power ON/OFF:** Press and hold for 2 seconds to turn the Receiver ON or OFF.

❸ **Power/Status LED:** Displays the status of six functions: ON/OFF, Battery Charging, Low Battery, Pairing, Mute and Lock mode.

❹ **Volume UP:** Press once to increase the volume level one step at a time. Hold to increase continuously.

❺ **Volume DOWN:** Press once to decrease the volume level one step at a time. Hold to decrease continuously.

❻ Link/MIC: This multifunction button performs the Pairing and VoIP MIC muting.

Pairing allows the Receiver to be discovered by the Transmitter. Press and hold the **Link** button for 3 seconds until the green LED displays fast flashes, indicating that it is ready to pair with a Transmitter. Once the Transmitter links with the Receiver, the LED on both devices will turn solid green.

VoIP & Microphone operations - See item #10

❼ Next Track: The Next Track function button is used to remotely control jumping to the next track for media players or sequencing software. Press the Next Track button once to jump to the next audio track.

❽ Previous Track: The Previous Track function button is used to remotely control jumping to the previous track for media players or sequencing software. Press the Previous Track button once to go back to the previous audio track.

RECEIVER FEATURES

⑨ Mute/Pause/Play: Press and hold the Mute/Pause/Play button for 1.5 seconds to mute/un-mute audio.
Press once to pause or play an audio track. This function will remotely control the
media player or sequencing software functions.

⑩ MIC: Press the LINK / MIC button once to mute the Microphone.
The Blue LED on the Receiver will turn ON when the MIC is on mute.
Press the LINK / MIC button again to unmute the Microphone.
The Blue LED on the Receiver will turn OFF when the MIC is off mute.

⑪ Charging Port: This is a mini USB connection to power up and charge the internal batteries. The Receiver can be charged using the supplied universal AC charger, via an instrument or computer USB port, or the optional AA battery power booster adapter.

⑫ Belt Clip: The Transmitter can be attached to belts, shirts and pants' pockets. The compact and lightweight design is easy to wear without impeding body movement. The Transmitter can be attached to cameras, tripods and bipods using the included 1/4"-20 Hot Shoe flash adapter.

Tx BUTTON FUNCTIONS

Transmitter (Tx) Button Functions

Function		Button	Activation	Hold Time	LED Status
Power ON/OFF	②	POWER	Press and Hold	2 sec	Solid Green
Pairing Mode	⑦	LINK	Press and Hold	3 sec	Fast Green Flashes
Volume UP/Down	④ ⑤	VOL / VOL	Click for Step, Press and hold for Auto	Click	
Mute ON/OFF	⑥	🔇	Press and Hold	1.5 sec	Solid Green and Blue
Lock Tx/Rx Key Pads	⑧	🔒	Press and Hold to Lock/Unlock Key Pad	2 sec	Solid Green Only / Solid Green & Blue Flashes
Stereo Mic-In Mode	⑨	MODE	Press and Hold	2 sec	Solid Green LED and Slow Blue LED Flashes
Mono Mic-In Mode	⑨	MODE	Press and Hold	2 sec	Solid Green LED and Fast Blue LED Flashes
Stereo Line-In Mode	⑨	MODE	Press and Hold	2 sec	Solid Green LED and Double Blue Flashes

Transmitter (Tx) LED Indicator Chart

Function	LED Status
Searching For Receiver	③ Flashing Green
Linked to Receiver	③ Solid Green
Lock Mode	③ Solid Green Only
Low Battery	③ Solid Green & Flashing Red
Charging With Power OFF	③ Solid Red
Charging With Power ON	③ Solid Red & Green
Charging Complete	③ Red OFF

Receiver (Rx) Button Functions

Function		Button	Activation	Hold Time	LED Status
Power ON/OFF	❷	POWER	Press and Hold	2 sec	Solid Green
Pairing Mode	❻	LINK	Press and Hold	3 sec	Fast Green Flashes
MIC Mute On/Off	❻	LINK/MIC	Click	Click	Two Blue LED Flashes / Solid Green LED
Volume UP/Down	❹ ❺	VOL △ ▽ VOL	Click for Step, Press and Hold for Auto	Click	
Mute ON/OFF	❾	🔇	Press and Hold	1.5 sec	Solid Green & Blue
Play/Pause	❾	▶ǁ	Click (In USB Mode)	Click	
Next Track	❼	▶▶ǀ	Click (In USB Mode)	Click	
Prev Track	❽	ǀ◀◀	Click (In USB Mode)	Click	

Receiver (Rx) LED Indicator Chart

Function	LED Status
Searching For Transmitter	3 Flashing Green
Linked to Transmitter	3 Solid Green
Key Pad Lock	3 Solid Green (Activated by Tx)
Low Battery	3 Solid Green & Flashing Red
Charging With Power OFF	3 Solid Red
Charging With Power ON	3 Solid Red & Green
Charging Complete	3 Red OFF

SYSTEM SPECIFICATIONS

Wi AudioStream Pro AV Technical Specifications

Specifications

Transmission Format:	2.4 GHz, 16-bit, 48kHz Digital Wireless
Frequency Response:	15Hz to 20kHz
Frequency Selection:	Auto select
S/N Ratio:	More than 90 dB (A-weighted) for stereo line-in mode
	More than 89 dB (A-weighted) for stereo and mono MIC mode
Distortion:	0.12 % THD
Connectors:	1/8" (3.5mm) TRS Stereo
Max Input Level:	1Vrms
Max Output Level:	1.2Vrms
Input Impedance:	3.3K ohm
Output Impedance:	< 10 ohm
Rechargeable Battery Life:	4~6 hours
Power Input:	5V DC, 500 mA

Specifications

Battery Power Booster:	10~13 hours (With optional AA battery power booster adapter)
USB Bus Power:	Yes
Low Battery Alert:	15 minutes of life left
Power-up Modes:	Three (3) power-up modes (Stereo Line-In, Stereo Mic-In, Mono Mic-In)
Antenna:	Two internal antennas
Range:	Up to 100 ft
	(Range may be dependent on line of sight and may vary due to local conditions)
Units operating at the same time:	9
USB 2.0 Audio Interface:	Full Speed Two-Way USB 2.0 Wireless Audio Interface
Apple OS Support:	MAC OSX and iOS
Windows OS Support:	Win XP/VISTA/Win 7/Win 8/Win10
Compatibility:	MAC, PC, iPad®, Windows Surface®
VoIP Capable:	Yes
802.11g/n Network Safe:	Yes
Transmitter Weight:	0.068 lbs (1.08 Oz) (30.8g)
Receiver Weight:	0.068 lbs (1.08 Oz) (30.8g)

LAVALIER SPECIFICATIONS

Wi SmartMic Mono Lavalier Mic Technical Specifications

Omnidirectional Capsule Lavalier Specifications

Frequency Response:	20Hz to 20kHz
Operating Current:	Less than 500uA
Operating Voltage:	0.8V - 5V DC
Sensitivity:	-32dB+/-4dB/Pascal
Maximum SPL:	140 dB SPL max
Output Impedance:	2KΩ±30%
Capsule Type:	3.1mm Capsule
Element:	Back Electret Condenser
Polar Pattern:	Omnidirectional

Wi SmartMic SL Stereo Lavalier Technical Specifications

Omnidirectional Capsule MIC Specifications

Frequency Response:	20Hz to 20kHz
Operating Current:	Less than 500uA
Operating Voltage:	0.8V - 5V DC
Sensitivity:	-32dB+/-4dB/Pascal
Maximum SPL:	140 dB SPL max
Output Impedance:	2KΩ±30%
Capsule Type:	3.1mm Capsule
Element:	Back Electret Condenser
Polar Pattern:	Omnidirectional
Configuration:	Stereo or Mono MIC Redundancy

Wi SmartMic ES Earset Mic Technical Specifications

Unidirectional Capsule MIC & Mechanical Specifications

Ear Mount:	Sure-Fit™ Ergonomic Silicon Ear Mount
Ear Placement:	Simple-Twist™ Left and Right Ear Placement
Boom Type:	Simple-Twist™ Bendable, Adjustable Length Boom with Locking Mechanism
Cable Type:	Simple-Twist™ Detachable Cables
Frequency Response:	50Hz to 15kHz
Operating Current:	Less than 500uA
Operating Voltage:	0.8V - 5V DC
Sensitivity:	-51dB+/-4dB/Pascal
Maximum SPL:	130 dB SPL max
Output Impedance:	1.5KΩ±30%
Capsule Type:	3.5mm Capsule
Element:	Back Electret Condenser
Polar Pattern:	Cardioid (Unidirectional)

Wi SmartMic SG Shotgun Mic Lavalier Technical Specifications

Omnidirectional Capsule Lavalier Specifications

Frequency Response:	20Hz to 20kHz
Operating Current:	Less than 500uA
Operating Voltage:	0.8V - 5V DC
Sensitivity:	-32dB+/-4dB/Pascal
Maximum SPL:	140 dB SPL max
Output Impedance:	2KΩ±30%
Capsule Type:	3.1mm Capsule
Element:	Back Electret Condenser
Polar Pattern:	Cardioid (Unidirectional)

REGULATORY COMPLIANCE

Regulatory Compliance Information

Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) Re-orient or relocate the receiving antenna. (2) Increase the separation between the equipment and Receiver. (3) Connect the equipment into an outlet on a circuit different from that to which the Receiver is connected. (4) Consult the dealer or an experienced radio/ TV technician for help. CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

Disposal and Recycling Information

Correct Disposal

This symbol indicates that your product must be disposed of properly according to local laws and regulations. When your product reaches its end of life, contact the retailer where the product was purchased or your local authorities to learn about recycling options. This product should not be mixed with other commercial waste for disposal.

PRODUCT WARRANTY

Product Warranty Terms

Wi Digital Systems warrants that the Wi AudioStream Pro AV is free from material defects and faulty workmanship for a period of twelve (12) months from the date of purchase. Wi Digital Systems will repair or replace, at its option, any Product that breaches this warranty during said period. This warranty does not cover and is void with respect to (1) Products which have been improperly installed, repaired, modified or altered; (2) Products which have been subject to abuse, misuse, physical damage, exposure to fire, water or excessive moisture or dampness; (3) Products on which the serial number has been removed, altered, or rendered illegible; (4) Products that are operated outside the limits of the technical specifications of the product.

Repair and/or replacement of the Wi Digital Systems product will be performed through Wi Digital Systems Return Material Authorization (RMA) procedure. The customer is required to contact Wi Digital Systems at www.widigitalsystems. com to obtain the approval and procedure for returning any product under warranty.

IN NO EVENT SHALL Wi DIGITAL SYSTEMS BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, DIRECT, INDIRECT, SPECIAL OR PUNITIVE DAMAGES WHICH ARISE IN ANY WAY OUT OF THE MANUFACTURE, SALE OR USE OF ITS PRODUCTS OR SERVICES. In the event that a court of competent jurisdiction determines that Wi Digital Systems is in breach of any warranty, the amount of recoverable damages shall be limited to the cost of the replacement of any Product found to be defective or nonconforming.

Out of Warranty

Should your Wi AudioStream Pro AV not function properly after the warranty period has expired, please contact Wi Digital Systems Customer Care at www.customercare@widigitalsystems.com

Limitations of Liability

Wi Digital Systems expressly assumes no responsibility for any error, omission, interruption, deletion, defect, delay in operation or transmission, communications failure, theft or destruction or unauthorized access to, or alteration of, any use of the Wi AudioStream Pro AV product. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL WI DIGITAL SYSTEMS OR ITS SUPPLIERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR: LOSS OF PROFITS OR REVENUES, LOSS OF CONFIDENTIAL OR OTHER INFORMATION , BUSINESS INTERRUPTION, PERSONAL INJURY, DEATH, LOSS OF PRIVACY, CORRUPTION OR LOSS OF DATA, FAILURES TO TRANSMIT OR RECEIVE AUDIO OR ANY OTHER PECUNIARY LOSS WHATSOEVER ARISING OUT OF OR IN ANY WAY RELATED TO THE USE OF OR INABILITY TO USE THE DEVICE OR THE SUPPORT SERVICES OR OTHERWISE IN CONNECTION WITH ANY PROVISION OF THIS AGREEMENT, EVEN IF WI DIGITAL SYSTEMS OR ANY SUPPLIER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

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The Sound of Digital Wireless Innovation

(Design and specifications subject to change without notice).